

**(SOL)-70 Ophiuchi A**

33,74 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->70 Ophiuchi A->

**(SOL)-AC+10 95-26**

72,43 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->Wolf 433->AC+10 95-26->

**(SOL)-AC+12 1800-213**

81,22 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347 14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->Austin's World->AC+12 1800-213->

**(SOL)-AC+13 14332**

68,07 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Beta Canum Venaticorum->Berthier->DM+50 1832->DM+55 1519->AC+13 14332->

**(SOL)-AC+17 534-105**

86,19 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347 14->Xiuning->Lacaille 9352->DM-15 6290->DM+1 4774->DM+19 5116 A->DM+15 4733 A->Doris->AC+17 534-105->

**(SOL)-AC+18 1890-112**

65,61 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->DM+16 2708->AC+18 1890-112->

**(SOL)-AC+20 1463-148**

61,03 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New Melbourne->Hermes->Alpha Lyrae->AC+32 54804 A->AC+20 1463-148->

**(SOL)-AC+32 54804 A**

55,53 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New Melbourne->Hermes->Alpha Lyrae->AC+32 54804 A->

**(SOL)-AC+66 3955**

54,97 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Beta Canum Venaticorum->C1->AC+66 3955->

**(SOL)-AC-12 2306**

91,04 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 457->Ross 486 A->DM-1 2892->Ross 848->AC-12 2306->

**(SOL)-Alpha Aquilae**

43,31 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->70 Ophiuchi A->DM+4  
4048->Alpha Aquilae->

**(SOL)-Alpha Bootis**

53,48 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->

**(SOL)-Alpha Canis Majoris A**

88,17 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->Austin's World->Ross 614  
A->Alpha Canis Majoris A->

**(SOL)-Alpha Lyrae**

51,45 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New  
Melbourne->Hermes->Alpha Lyrae->

**(SOL)-Augereau**

23,00 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->

**(SOL)-Aurore**

51,24 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Aurore->

**(SOL)-Austin's World**

75,78 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->Austin's World->

**(SOL)-Barnard's star**

5,91 Ly

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(SOL)->Barnard's star->

**(SOL)-Berthier**

48,48 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Beta Canum Venaticorum->Berthier->

**(SOL)-Bessieres A**

11,65 Ly

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(SOL)->Nyotekundu->Bessieres A->

**(SOL)-Beta Canum Venaticorum**

41,73 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Beta Canum Venaticorum->

**(SOL)-Beta Leonis**

63,39 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->Beta Leonis->

**(SOL)-Beta Virginis**

81,72 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 461 A->Gamma Virginis A->Beta Virginis->

**(SOL)-Botany Bay**

54,75 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New Melbourne->Ross  
863->Botany Bay->

**(SOL)-Broward**

18,89 Ly

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(SOL)->Barnard's star->Serurier->Broward->

**(SOL)-C1**

48,16 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Beta Canum Venaticorum->C1->

**(SOL)-Chengdu**

49,48 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Chengdu->

**(SOL)-Cold Mountain**

42,87 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->D'Artagnon->Cold  
Mountain->

**(SOL)-Daikoku**

50,41 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->D'Artagnon->Cold  
Mountain->Daikoku->

**(SOL)-D'Artagnon**

36,79 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->D'Artagnon->

**(SOL)-Davout**

31,24 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->

**(SOL)-DM+0 2989**

71,96 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 461 A->DM+0 2989->

**(SOL)-DM+1 4774**

64,81 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->DM-15 6290->DM+1 4774->

**(SOL)-DM+10 2531**

64,96 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+10  
2531->

**(SOL)-DM+11 2576 A**

87,84 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 461 A->Gamma Virginis A->Wolf 437->DM+11 2576 A->

**(SOL)-DM+13 2618**

62,49 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->

**(SOL)-DM+15 2620**

21,31 Ly

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(SOL)->Nyotekundu->Ross 128->Wolf 424 A->DM+15 2620->

**(SOL)-DM+15 4733 A**

75,08 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->DM-15 6290->DM+1 4774->DM+19 5116 A->DM+15 4733  
A->

**(SOL)-DM+16 2404**

77,39 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->Wolf  
433->AC+10 95-26->DM+16 2404->

**(SOL)-DM+16 2658**

67,85 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->DM+19 2881 A->DM+16  
2658->

**(SOL)-DM+16 2708**

59,55 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->DM+16 2708->

**(SOL)-DM+17 2611 A**

57,85 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->

**(SOL)-DM+19 2881 A**

60,16 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->DM+19 2881 A->

**(SOL)-DM+19 5116 A**

71,49 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->DM-15 6290->DM+1 4774->DM+19 5116 A->

**(SOL)-DM+22 2302**

59,12 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->DM+22 2302->

**(SOL)-DM+24 2733A**

74,70 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->DM+19 2881 A->DM+25  
2874->DM+24 2786B->DM+24 2733A->

**(SOL)-DM+24 2786B**

71,26 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->DM+19 2881 A->DM+25  
2874->DM+24 2786B->

**(SOL)-DM+25 2874**

66,82 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->DM+19 2881 A->DM+25  
2874->

**(SOL)-DM+25 3173**

51,18 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New Melbourne->Ross 863->DM+25 3173->

**(SOL)-DM+27 28217**

48,29 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Joi->DM+27 28217->

**(SOL)-DM+31 2240 A**

62,43 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->DM+31 2240 A->

**(SOL)-DM+34 2323**

59,44 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Nous Voila->Grosshiddenhafen->Vogelheim (Adlerhorst)->DM+34 2323->

**(SOL)-DM+36 1970**

94,53 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->DM+31 2240 A->DM+39 2376A->DM+41 2147->DM+46 1635->DM+43 1953->DM+36 1970->

**(SOL)-DM+39 2376A**

69,31 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->DM+31 2240 A->DM+39 2376A->

**(SOL)-DM+4 4048**

39,61 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->70 Ophiuchi A->DM+4 4048->

**(SOL)-DM+41 2147**

75,47 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->DM+31 2240 A->DM+39 2376A->DM+41 2147->

**(SOL)-DM+42 1956 A**

96,06 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->DM+31 2240 A->DM+39 2376A->DM+41 2147->DM+46 1635->DM+43 1953->DM+42 1956 A->

**(SOL)-DM+42 2296**

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66,11 Ly

(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Beta Canum Venaticorum->Berthier->DM+50 1832->DM+45  
2014->DM+42 2296->

**(SOL)-DM+43 1953**

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88,96 Ly

(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->DM+31 2240 A->DM+39  
2376A->DM+41 2147->DM+46 1635->DM+43 1953->

**(SOL)-DM+45 2014**

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59,79 Ly

(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Beta Canum Venaticorum->Berthier->DM+50 1832->DM+45  
2014->

**(SOL)-DM+46 1551**

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88,54 Ly

(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->DM+31 2240 A->DM+39  
2376A->DM+41 2147->DM+46 1635->DM+46 1551->

**(SOL)-DM+46 1635**

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81,44 Ly

(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->DM+31 2240 A->DM+39  
2376A->DM+41 2147->DM+46 1635->

**(SOL)-DM+46 1889**

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47,14 Ly

(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->DM+48 2108A->DM+46 1889->

**(SOL)-DM+48 1829**

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86,43 Ly

(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->DM+31 2240 A->DM+39  
2376A->DM+41 2147->DM+46 1635->DM+48 1829->

**(SOL)-DM+48 2108A**

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43,64 Ly

(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->DM+48 2108A->

**(SOL)-DM+5 1668 A**

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86,82 Ly

(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->Austin's World->Ross 614  
A->DM+5 1668 A->

**(SOL)-DM+5 3409 A**

40,48 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->DM+5 3409 A->

**(SOL)-DM+50 1832**

53,47 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Beta Canum Venaticorum->Berthier->DM+50 1832->

**(SOL)-DM+53 1320**

24,47 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->DM+53 1320->

**(SOL)-DM+55 1519**

60,72 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Beta Canum Venaticorum->Berthier->DM+50 1832->DM+55  
1519->

**(SOL)-DM+66 717**

55,28 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Beta Canum Venaticorum->C1->DM+66 717->

**(SOL)-DM+9 2636**

71,45 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->Wolf  
433->DM+9 2636->

**(SOL)-DM-1 2892**

81,27 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 457->Ross 486 A->DM-1 2892->

**(SOL)-DM-11 3759**

50,54 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->DM-46 11540->DM-40  
9712->DM-20 2125->DM-11 3759->

**(SOL)-DM-15 6290**

57,73 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->DM-15 6290->

**(SOL)-DM-20 2125**

46,37 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->DM-46 11540->DM-40  
9712->DM-20 2125->



**(SOL)-DM-21 1377**

82,51 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->Austin's World->DM-21 1377->

**(SOL)-DM-26 12026 A**

25,49 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12026 A->

**(SOL)-DM-26 12036 C**

25,42 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->

**(SOL)-DM-3 4233**

33,93 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->DM-3 4233->

**(SOL)-DM-34 11626 A**

31,76 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12026 A->DM-34 11626 A->

**(SOL)-DM-36 13940 A**

41,93 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347 14->DM-36  
13940 A->

**(SOL)-DM-37 10765 A**

37,15 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12026 A->DM-34 11626 A->DM-37  
10765 A->

**(SOL)-DM-40 9712**

39,38 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->DM-46 11540->DM-40  
9712->

**(SOL)-DM-45 13677**

40,93 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347 14->DM-45  
13677->

**(SOL)-DM-46 11370 A**

36,88 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12026 A->DM-34 11626 A->DM-46  
11370 A->

**(SOL)-DM-46 11540**

31,83 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->DM-46 11540->

**(SOL)-DM-68 47**

61,90 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->D'Artagnon->Cold Mountain->Daikoku->Syuhlahm->DM-68 47->

**(SOL)-DM-7 4003**

52,30 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->DM-46 11540->DM-40 9712->DM-20 2125->DM-7 4003->

**(SOL)-DM-8 4352**

26,32 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-8 4352->

**(SOL)-Doris**

81,69 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347 14->Xiuning->Lacaille 9352->DM-15 6290->DM+1 4774->DM+19 5116 A->DM+15 4733 A->Doris->

**(SOL)-Dukou**

63,43 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347 14->Xiuning->Lacaille 9352->UV Ceti->Dukou->

**(SOL)-Dunkelheim**

47,02 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Nous Voila->Dunkelheim->

**(SOL)-Ellis**

56,79 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New Melbourne->Hermes->Red Speck->Ellis->

**(SOL)-G 195-19**

94,02 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->DM+31 2240 A->DM+39 2376A->DM+41 2147->DM+46 1635->DM+48 1829->G 195-19->

**(SOL)-G 44-42**

62,90 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->G 44-42->

**(SOL)-Gamma Pavonis**

62,94 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->D'Artagnon->Cold Mountain->Daikoku->L49 19->Gamma Pavonis->

**(SOL)-Gamma Serpenti**

71,21 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->DM+16 2708->Ross 508->Gamma Serpenti->

**(SOL)-Gamma Virginis A**

74,31 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13 2618->Wolf 461 A->Gamma Virginis A->

**(SOL)-Grosshidenhafen**

47,35 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Nous Voila->Grosshidenhafen->

**(SOL)-Haifeng**

67,62 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347 14->Xiuning->Hunjiang->Kwantung->Haifeng->

**(SOL)-Heidelsheimat**

61,25 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->D'Artagnon->Cold Mountain->Daikoku->Syuhlahm->Heidelsheimat->

**(SOL)-Henry's Star (Crater)**

41,97 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Henry's Star (Crater)->

**(SOL)-Hermes**

44,48 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New Melbourne->Hermes->

**(SOL)-Hochbaden**

46,41 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star (Beowulf)->Kimanjano->Nous Voila->Hochbaden->

**(SOL)-Hunjiang**

52,59 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Hunjiang->

**(SOL)-Iota Ursae Majoris A**

95,96 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->DM+31 2240 A->DM+39  
2376A->DM+41 2147->DM+46 1635->DM+46 1551->Iota Ursae Majoris A->

**(SOL)-Joi**

43,26 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Joi->

**(SOL)-Kapteyn's Star**

95,65 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->Austin's World->Ross 614  
A->Alpha Canis Majoris A->Kapteyn's Star->

**(SOL)-Kie-Yuma**

46,20 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Joi->Kie-Yuma->

**(SOL)-Kimanjano**

36,04 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->

**(SOL)-King**

32,84 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->

**(SOL)-Kingsland**

53,99 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New Melbourne->Ross  
863->Kingsland->

**(SOL)-Kormoran**

68,83 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->D'Artagnon->Cold  
Mountain->Daikoku->Syuhlahm->Heidelsheimat->Kormoran->

**(SOL)-Kwantung**

60,01 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Hunjiang->Kwantung->

**(SOL)-L1346 53**

**70,30 Ly**

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->DM+16 2708->AC+18  
1890-112->L1346 53->

**(SOL)-L339 19**

**43,82 Ly**

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12026 A->DM-34 11626 A->DM-46  
11370 A->L339 19->

**(SOL)-L347 14**

**37,60 Ly**

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347 14->

**(SOL)-L49 19**

**56,95 Ly**

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->D'Artagnon->Cold  
Mountain->Daikoku->L49 19->

**(SOL)-L789 6**

**55,34 Ly**

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->L789 6->

**(SOL)-Lacaille 9352**

**51,15 Ly**

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->

**(SOL)-Lambda Serpenti**

**71,41 Ly**

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->DM+16 2708->Ross  
508->Lambda Serpenti->

**(SOL)-LP425-140**

**102,84 Ly**

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->Austin's World->Ross 614  
A->DM+5 1668 A->YZ Canis Minoris->Ross 619->LP425-140->

**(SOL)-LP658 2**

**77,78 Ly**

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->Austin's World->LP658 2->

**(SOL)-Montana**

69,08 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->

**(SOL)-Neubayern**

18,76 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->

**(SOL)-New Melbourne**

40,18 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New Melbourne->

**(SOL)-Nous Voila**

40,46 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->

**(SOL)-Nyotekundu**

7,64 Ly

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(SOL)->Nyotekundu->

**(SOL)-Paulo**

87,45 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->Austin's World->Ross 614  
A->Paulo->

**(SOL)-Proxima Centauri**

4,28 Ly

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(SOL)->Proxima Centauri->

**(SOL)-Queen Alice's Star (Beowulf)**

28,79 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->

**(SOL)-Red Speck**

52,10 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New  
Melbourne->Hermes->Red Speck->

**(SOL)-Ross 119**

86,78 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 461 A->Gamma Virginis A->Beta Virginis->Ross 119->

**(SOL)-Ross 128**

11,55 Ly

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(SOL)->Nyotekundu->Ross 128->

**(SOL)-Ross 165 A**

63,01 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New  
Melbourne->Hermes->Alpha Lyrae->AC+32 54804 A->Ross 165 A->

**(SOL)-Ross 486 A**

74,88 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 457->Ross 486 A->

**(SOL)-Ross 508**

64,25 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->DM+16 2708->Ross  
508->

**(SOL)-Ross 52 A**

59,69 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Alpha Bootis->Ross 52 A->

**(SOL)-Ross 614 A**

83,14 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->Austin's World->Ross 614 A->

**(SOL)-Ross 619**

97,86 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->Austin's World->Ross 614  
A->DM+5 1668 A->YZ Canis Minoris->Ross 619->

**(SOL)-Ross 627**

55,76 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Joi->DM+27 28217->Ross 627->

**(SOL)-Ross 845**

97,84 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 457->Ross 486 A->DM-1 2892->Ross 848->AC-12 2306->Ross 845->

**(SOL)-Ross 848**

86,45 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 457->Ross 486 A->DM-1 2892->Ross 848->

**(SOL)-Ross 863**

47,60 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New Melbourne->Ross  
863->

**(SOL)-Ross 868**

51,90 Ly

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(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->King->New Melbourne->Ross  
863->Ross 868->

**(SOL)-Ross 974**

72,92 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 457->Ross 974->

**(SOL)-Sans Souci**

47,61 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Henry's Star (Crater)->Sans Souci->

**(SOL)-Serurier**

11,28 Ly

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(SOL)->Barnard's star->Serurier->

**(SOL)-Stark**

71,45 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->DM-15 6290->DM+1 4774->Stark->

**(SOL)-Syuhlahm**

55,82 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->D'Artagnon->Cold  
Mountain->Daikoku->Syuhlahm->

**(SOL)-Tirane**

4,47 Ly

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(SOL)->Tirane->

**(SOL)-UV Ceti**

58,23 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->



**(SOL)-Van Maanens Star**

65,23 Ly

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(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Van Maanens Star->

**(SOL)-Vogelheim (Adlerhorst)**

52,52 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Grosshiddenhafen->Vogelheim (Adlerhorst)->

**(SOL)-Wiseman**

52,08 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->

**(SOL)-Wolf 414**

68,89 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->Wolf  
433->Wolf 414->

**(SOL)-Wolf 424 A**

15,92 Ly

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(SOL)->Nyotekundu->Ross 128->Wolf 424 A->

**(SOL)-Wolf 433**

65,33 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->Wolf 433->

**(SOL)-Wolf 437**

81,67 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 461 A->Gamma Virginis A->Wolf 437->

**(SOL)-Wolf 457**

68,65 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 457->

**(SOL)-Wolf 461 A**

68,20 Ly

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(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 461 A->

**(SOL)-Wolf 489**

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89,06 Ly

(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 461 A->Gamma Virginis A->Wolf 437->Wolf 489->

**(SOL)-Wolf 534**

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96,92 Ly

(SOL)->Nyotekundu->Bessieres A->Neubayern->Augereau->Queen Alice's Star  
(Beowulf)->Kimanjano->Nous Voila->Hochbaden->Wiseman->DM+17 2611 A->DM+13  
2618->Wolf 457->Ross 486 A->DM-1 2892->Ross 848->AC-12 2306->Wolf 534->

**(SOL)-Wolf 629 A**

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26,32 Ly

(SOL)->Barnard's star->Serurier->Broward->Wolf 629 A->

**(SOL)-Xiuning**

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44,94 Ly

(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347 14->Xiuning->

**(SOL)-YZ Canis Minoris**

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94,29 Ly

(SOL)->Barnard's star->Serurier->Broward->DM-26 12036 C->Davout->L347  
14->Xiuning->Lacaille 9352->UV Ceti->Dukou->Montana->Austin's World->Ross 614  
A->DM+5 1668 A->YZ Canis Minoris->